

To: Borkovich, John@Waterboards[John.Borkovich@waterboards.ca.gov]
Cc: Schlegel, Brandon@Waterboards[Brandon.Schlegel@Waterboards.ca.gov]; Albright, David[Albright.David@epa.gov]; Engelman, Alexa[ENGELMAN.ALEXA@EPA.GOV]; Moffatt, Brett[Moffatt.Brett@epa.gov]
From: Dermer, Michele
Sent: Sat 5/30/2015 12:11:43 AM
Subject: Re: Elk Hills Power injection well locations.

Thanks very much for passing this along John. If its all right with you, I would like to contact Brandon directly for a bit of clarification. We have seen some of this information on Attachment C of the State's letter of May 15, 2015. This information looks like it was retrieved from the DOGGR database of Class II wells which does not reflect the current operating status of the three EPA permitted Class I wells. I need to confirm that the locations are correct in order to be certain that the information we are getting from you about the water supply wells is accurate.

Thanks again.

Sincerely,

Michele

From: Borkovich, John@Waterboards <John.Borkovich@waterboards.ca.gov>
Sent: Friday, May 29, 2015 3:04 PM
To: Schlegel, Brandon@Waterboards; Dermer, Michele
Subject: RE: Elk Hills Power injection well locations.

Michele

Please see if this helps.

John

From: Schlegel, Brandon@Waterboards
Sent: 5/29/15, 2:52 PM
To: Borkovich, John@Waterboards
Subject: RE: Elk Hills Power injection well locations.

Injection Wells	Water Supply Wells within a 1-mile Radius of Injection Well
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Well Number	API Number	Latitude	Longitude	Well Status	Start Injection	End Injection	Total Volume reported to DOGGR (bbls)	Zone TDS Data (mg/L)	Injection Zone	Top Perf. (ft bgs)	Number of Water Supply Wells Identified within One Mile Radius	Well Type	Total Depth	Bottom Screen	Distance Between WD Well & water supply well (Feet)	Other
25A-18G	3023955	35.230615	-119.443503	Idle	01/2000	09/2004	1245,875	60	Tulare	724	1**	UNK	UNK	UNK	1067	Same well as below
35A-18G	3023955	35.230621	-119.442383	Active	01/2000	09/2004	1448,755	60	Tulare	648		UNK	UNK	UNK	1163	Same well as above
35-18G	?	?	?	?	?	?	?	?	?	?		?	?	?	?	?

* Injection data no longer reported to DOGGR (12/8/2004 letter to Elk Hills Power from DOGGR)

** Well data form with no well construction or lithology data. Indicates a water sample collected in 1963. Lat/long approximated (35.2335089861078, -119.444046020507), plotted to the center of the quarter-quarter section that appears like it could be a well. Low confidence.

Brandon Schlegel

Engineering Geologist

Oil and Gas Monitoring Unit

State Water Resources Control Board

Division of Water Quality

1001 I Street, Sacramento, CA 95814

(916) 323-1308

Brandon.schlegel@waterboards.ca.gov

From: Borkovich, John@Waterboards

Sent: Friday, May 29, 2015 11:00 AM

To: Dermer, Michele

Cc: Albright, David; Couch, Scott@Waterboards; Zinky, Janice@Waterboards; Schlegel, Brandon@Waterboards

Subject: RE: Elk Hills Power injection well locations.

Ok, we'll take a look. John

From: Dermer, Michele
Sent: 5/29/15, 10:50 AM
To: Borkovich, John@Waterboards
Cc: Albright, David, Couch, Scott@Waterboards
Subject: Elk Hills Power injection well locations.

Hello John,

This is the readily available information I have on the three EPA permitted Class I injection wells operated by Elk Hills Power (California Resources Corporation). Thanks for your assistance.

<u>Well Number</u>	<u>Location</u>
35-18G	2320.3' FSL and 1890.5' FWL of Section 18-T31S-R24E
25A-18G	2364.6' FSL and 1196.0' FWL of Section 18-T31S-R24E
35A-18G	2368.2' FSL abd 1531.2' FWL of Section 18-T31S-R24E

Sincerely,

Michele

Michele Dermer

Drinking Water Protection Section

EPA Region 9

(415) 972-3417

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